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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
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| 10/707,988 | 01/30/2004 | Kun-Hung Liu |  | 1987 |
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40596            7590            02/03/2005

AI TI YA INDUSTRIAL CO., LTD.  
2F-4, NA 148, SEC. 4, CHUNG HSIAO E. ROAD  
TAIPEI R.O.C.,  
TAIWAN

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| EXAMINER |
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CHUNG TRANS, XUONG MY

|          |              |
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| ART UNIT | PAPER NUMBER |
|----------|--------------|

2833

DATE MAILED: 02/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

SM

|                              |                        |                     |  |
|------------------------------|------------------------|---------------------|--|
| <b>Office Action Summary</b> | <b>Application No.</b> | <b>Applicant(s)</b> |  |
|                              | 10/707,988             | LIU, KUN-HUNG       |  |
|                              | <b>Examiner</b>        | <b>Art Unit</b>     |  |
|                              | Xuong M. Chung-Trans   | 2833                |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1)  Responsive to communication(s) filed on 30 January 2004.
- 2a)  This action is **FINAL**.
- 2b)  This action is non-final.
- 3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4)  Claim(s) 1-8 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5)  Claim(s) \_\_\_\_\_ is/are allowed.
- 6)  Claim(s) 1-8 is/are rejected.
- 7)  Claim(s) \_\_\_\_\_ is/are objected to.
- 8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9)  The specification is objected to by the Examiner.
- 10)  The drawing(s) filed on 30 January 2004 is/are: a)  accepted or b)  objected to by the Examiner.
 

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All    b)  Some \*    c)  None of:
    - 1.  Certified copies of the priority documents have been received.
    - 2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    - 3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1)  Notice of References Cited (PTO-892)
- 2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3)  Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4)  Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5)  Notice of Informal Patent Application (PTO-152)
- 6)  Other: \_\_\_\_\_.

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1. This application has been examined. Claims 1-8 are pending in this application.
2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-7 are rejected under 35 U.S.C. 102(e) as being anticipated by Chen (USPN 6,805,584).

Chen discloses a signal adaptor, comprising: a fastening member(3), comprising a buckling portion(31) and a tube(33) extending from a rear side of said fastening member, a nut (2) for fitting said fastening member, a receiving member(4) having a buckling set(411) formed on an outer contacting portion(41), for fitting onto said fastening member to tightly fasten said receiving member (4) to said securing portion (31) of said fastening member(3), and a securing member(5) having a buckling set (511) at an inner contracting portion, wherein when securing member is fitted around said receiving member, said buckling set of contacting portion of said securing member buckles into said buckling set (411) of said contacting portion of said receiving member for positioning said securing member onto said receiving member; wherein said buckling set of said contacting portion of said receiving member comprises a frontal buckling element(4112) on said receiving buckling element and a rear contacting portion

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(4111); wherein said frontal buckling element(4112) of said buckling set has a side comprising a blocking portion and a top flange and a slope formed along the blocking portion and at a rear thereof (see fig. 3); wherein said rear buckling element of said buckling set has a groove and a protrusion (4111) (see fig. 3); wherein when said securing member (5) is fit onto said receiving member (4), an inner flange of said securing member buckles into said groove of said rear buckling element of said receiving member, and an indentation (511) of said securing member holds said protrusion of said rear buckling element of said receiving member to position said securing member around said rear buckling element of said receiving member (see fig. 3); wherein when said securing member is fit onto said receiving member, an inner flange of said securing member buckles into said groove of said rear buckling element of said receiving member, and an indentation of said securing member holds said protrusion of said rear buckling element of said receiving member to position said securing element around said rear buckling element of the receiving member; wherein said buckling set (511) on said contacting portion of said securing member has an indentation (511) formed on said contacting portion.

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Chen.

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Chen discloses the invention substantially as claimed except for a gap is formed between an edge portion of said receiving member and said nut to prevent a friction there-between. It would have been obvious to one skilled artisan at the time the invention was made to employ a gap as claimed in order to prevent the receiving member about the nut and thereby providing less friction fit between the-receiving member and the nut.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Xuong M. Chung-Trans whose telephone number is (571) 272-2002. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula Bradley can be reached on (571) 272-2800 extension 33.. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
X. Chung-Trans

  
P. AUSTIN BRADLEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800